

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Previously presented) Computer system comprising at least a first application system and a second application system and a database system, each application system running at least one application service for at least one application system user; said computer system characterized in that:

the database system has at least a first memory portion and a second memory portion, wherein the memory portions are disjunctive;

the database system stores at least a first assignment of a first predetermined profile to the first memory portion and at least a second assignment of a second predetermined profile to the second memory portion, wherein the first and second profiles are unique and refer to the first and second application systems, respectively;

the first application system and the second application system access the first memory portion and the second memory portion, respectively, through the corresponding profiles.

2. (Previously presented) The computer system of claim 1, wherein the memory portions store tables of the database system.

3. (Previously presented) The computer system of claim 1, wherein the database system is a parallel server system.

4. (Previously presented) The computer system of claim 1, wherein the database system is a relational database system.

5. (Previously presented) The computer system of claim 1, wherein the database system uses shared memory processors.

6. (Previously presented) The computer system of claim 5, wherein the database system uses an operating system that creates multiple logical groups of processors.

7. (Previously presented) The computer system of claim 6, wherein each group of processors is assigned to one application system.

8. (Canceled)

9. (Currently amended) The method of claim [[8]] 12, wherein in the dividing step, the memory portions store tables of the database system.

10-11. (Canceled)

12. (Currently amended) ~~The method of claim 11,~~ A method for communication with a database system,  
the method comprising the steps:  
providing at least a first application system and a second application system,  
wherein each application system runs at least one application service for a plurality of users of the application system;  
connecting the database system with at least the first application system and the second application system;  
dividing a memory of the database system into at least a first memory portion and a second memory portion, both portions being disjunctive;  
assigning first and second memory portions to first and second application systems, respectively, by assigning at least one predefined, unique profile of the database to each memory portion, and assigning each predefined profile to one of the application systems; and  
accessing first and second memory portions by the first and second application systems, respectively ~~wherein in the accessing step,~~ each application system accesses the database system through at least one of the predefined profiles that are assigned to the application system.

13. (Currently amended) The method of claim [[8]] 12, wherein in the accessing step, accessing is selected from the group of read, write, copy, modify, insert, append and delete.

14. (Currently amended) ~~An~~ A method for assigning application system-  
systems to a database system assignment method comprising:

providing business application services to a first plurality of application users by a first application system;

providing business application services to a second plurality of application users by at least a second application system;

providing a database system connected to the first and second application systems;

assigning the database system to a first profile and at least a second profile; and

assigning the first and second profiles to disjunctive memory portions in a memory of the database system; and

assigning the first application system to the first profile and the second application system to the second profile;

wherein the first application system and the second application system may access the first memory portion and the second memory portion, respectively, through the corresponding profiles.

15. (Canceled)

16. (Currently amended) A computer program product causing a plurality of processors to provide an application system to database system assignment scheme, the computer program product characterized in that:

a first program portion causes a processor of a database system to disjunctively partition a memory of the database system into a first memory portion and at least a second memory portion and to provide a first database profile and at least a second database profile, where the first and second profiles are assigned to the first and second memory portions, respectively;

a second program portion causes a processor of a first application system to provide at least a first business application service to a first plurality of application users and to use at least the first database profile to access the first memory portion and to communicate data from the first application system to the database system; and

at least a third program portion causes a processor of at least a second application system to provide at least a second business application service to a second plurality of application users and to use at least the second database profile to access the second memory portion and to communicate data from the second application system to the database system.

17. (Currently amended) Computer program product causing a processor in a computer of an application system that executes at least one business application service to communicate with and access a database computer, the computer program product characterized in that:

# the computer program product causes the processor to communicate with and access the database computer by using a unique profile that is assigned to the application system, the database computer having a memory logically partitioned into a first portion and at least a second portion, the portions being disjunctive, so that the first portion is reserved for data of the application system and the second portion is reserved for data of at least one further application system that is run by a further computer.

18. (Currently amended) A computer-readable medium having a plurality of sequences of instructions stored thereon which, when executed by one or more processors, perform the steps of:

causing a processor of a database system to disjunctively partition a memory of the database system into a first memory portion and at least a second memory portion and to provide a first database profile and at least a second database profile where the first and second profiles are assigned to the first and second memory portions, respectively;

causing a processor of a first application system to provide at least a first business application service to a first plurality of application users and to use at least the first database profile to access the database in order to communicate data from the first application system to the database system; and

causing a processor of at least a second application system to provide at least a second business application service to a second plurality of application users and to use at least the second database profile to access the database in order to communicate data from the second application system to the database system.

19. (New) The method of claim 14, wherein the disjunctive memory portions store tables of the database system.

20. (New) The method of claim 14, wherein access includes one or more from the group of read, write, copy, modify, insert, append and delete.